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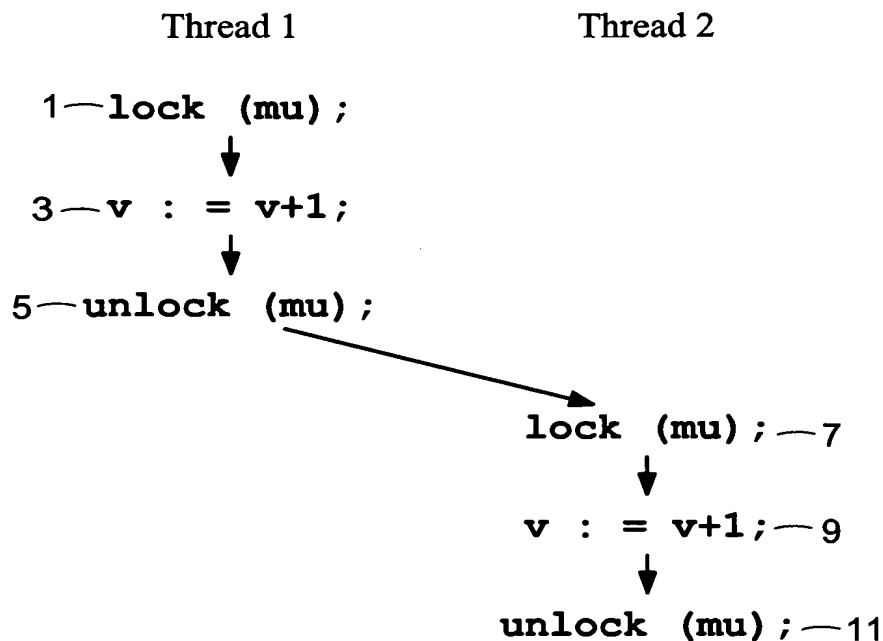


FIG. 1  
PRIOR ART

<i>Program</i>	<i>locks_held</i>	<i>C(v)</i>
101—lock (mu1) ;	{ }	{mu1, mu2}
103—v : = v+1;	{mu1}	
105—unlock (mu1) ;		{mu1}
107—lock (mu2) ;	{ }	
109—v : = v+1;	{mu2}	
111—unlock (mu2) ;		{ }
	{ }	

FIG. 2  
PRIOR ART

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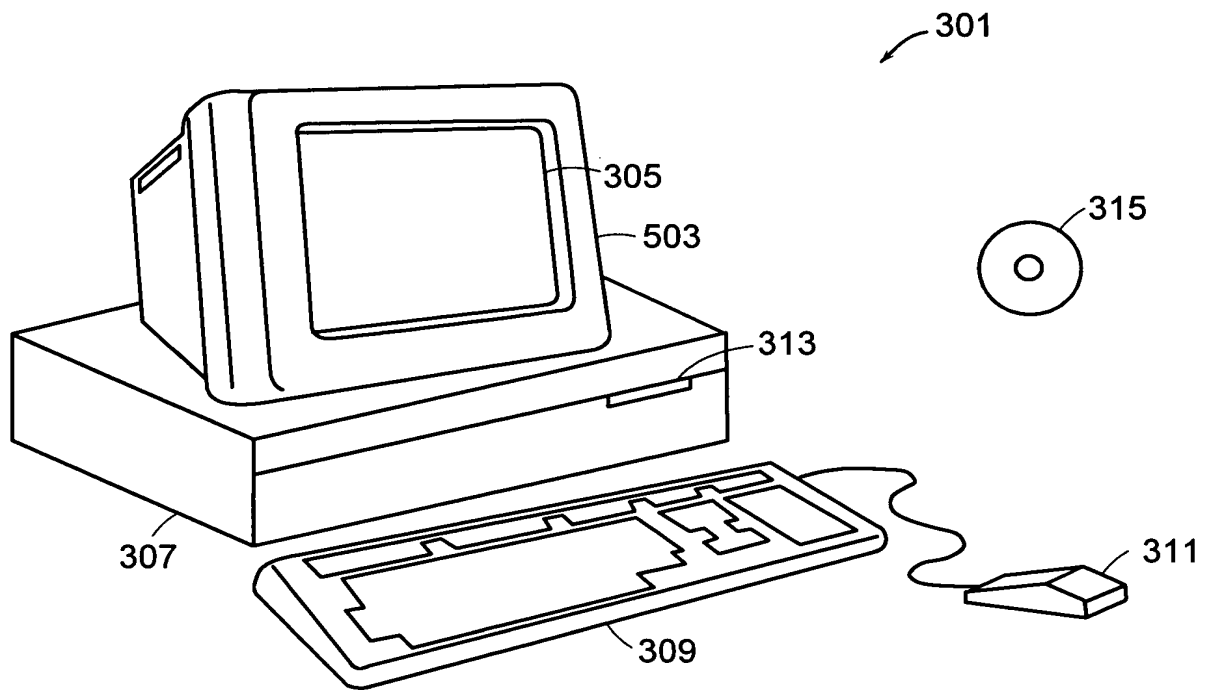


FIG. 3

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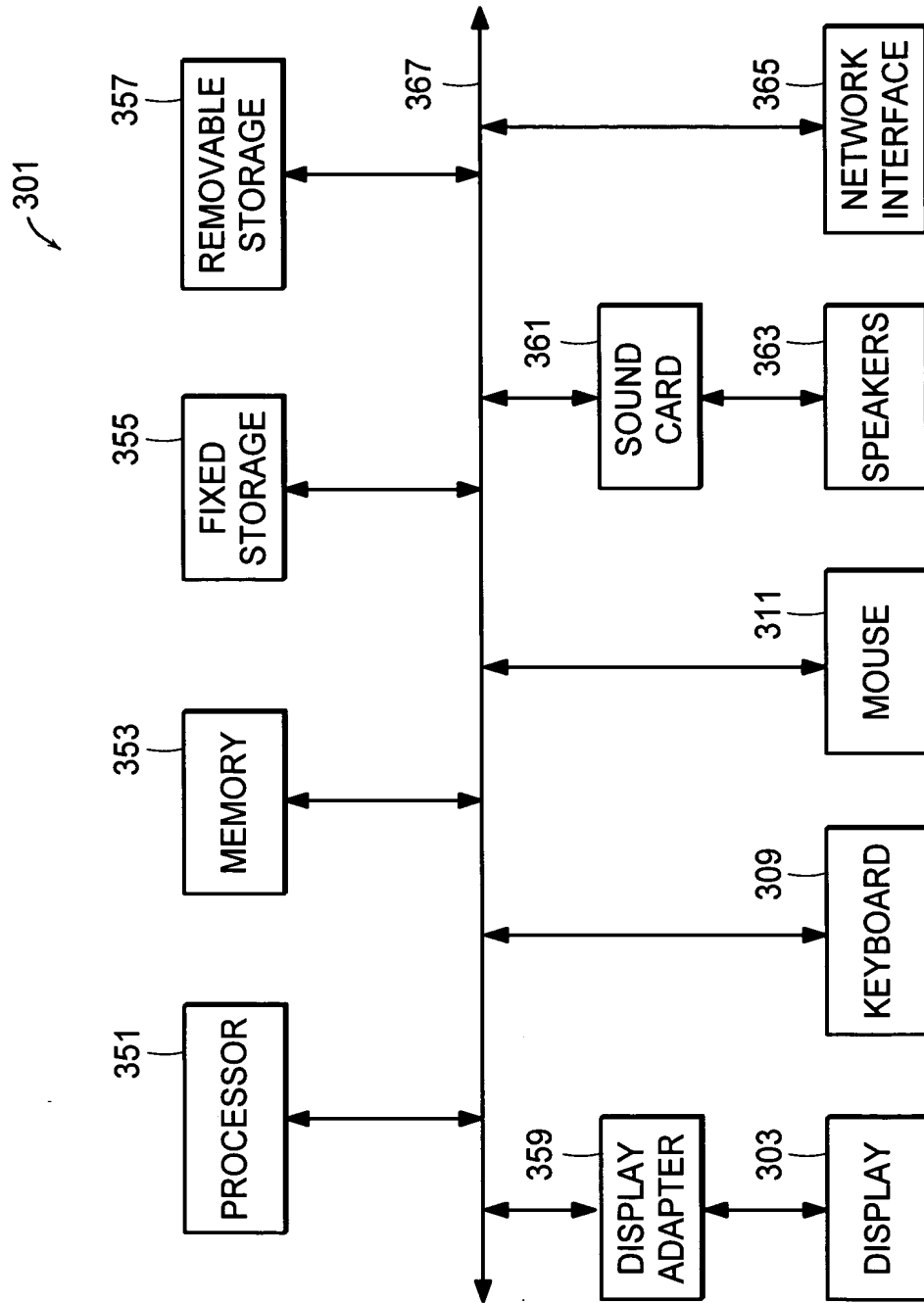


FIG. 4

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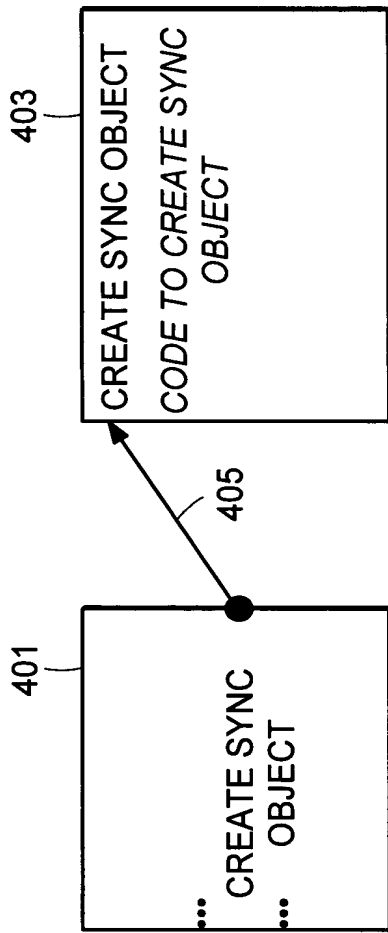


FIG. 5A

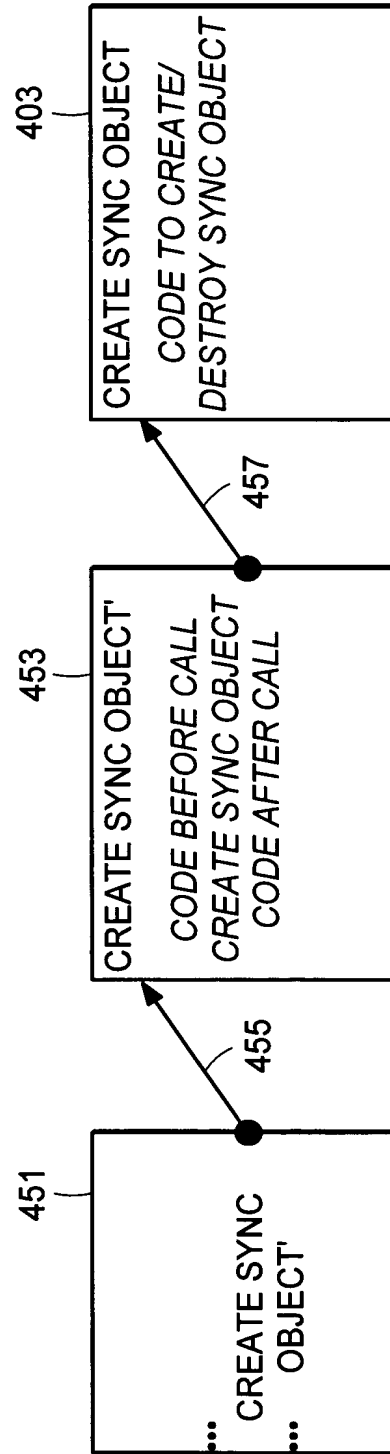


FIG. 5B

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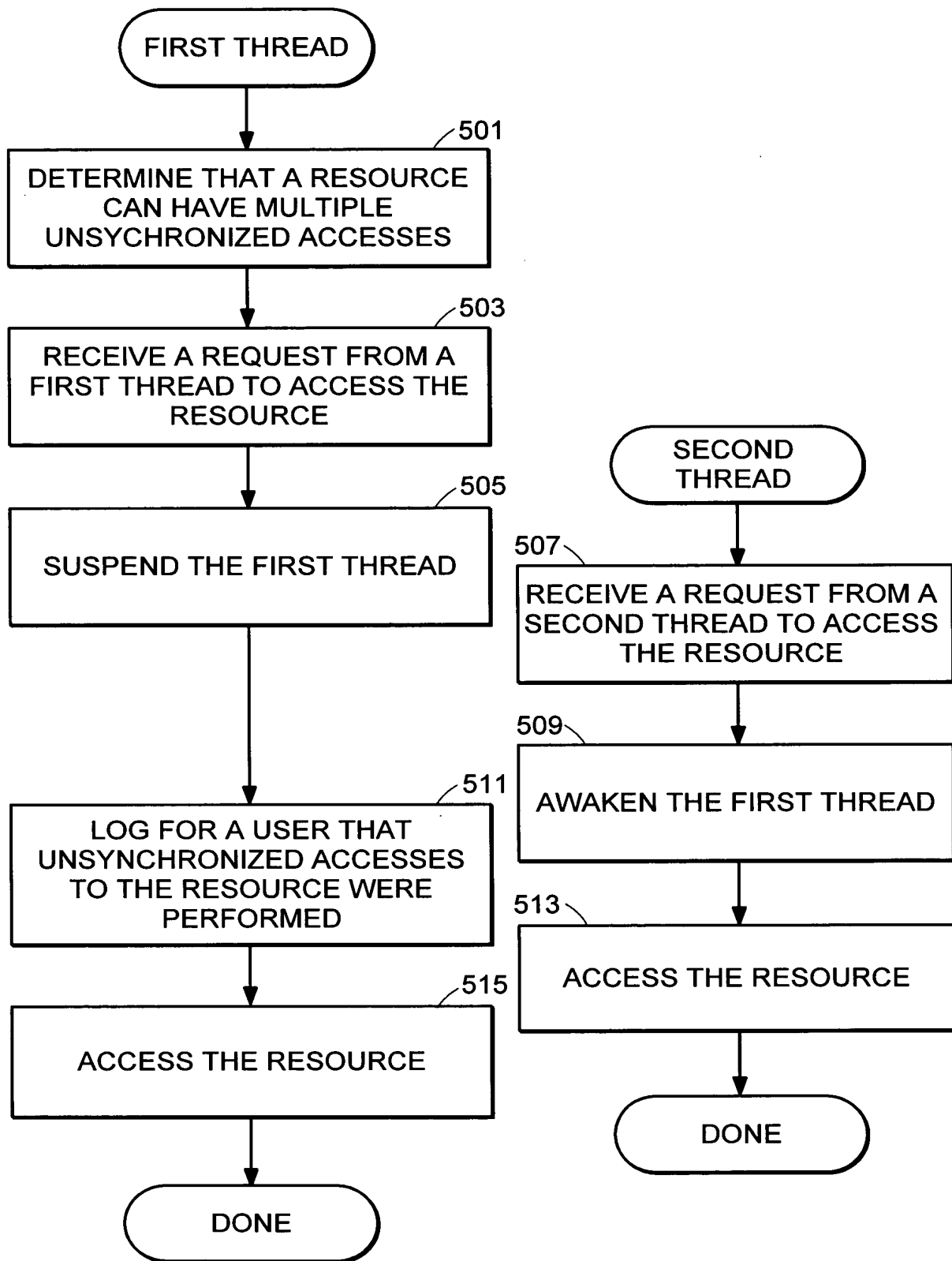


FIG. 6

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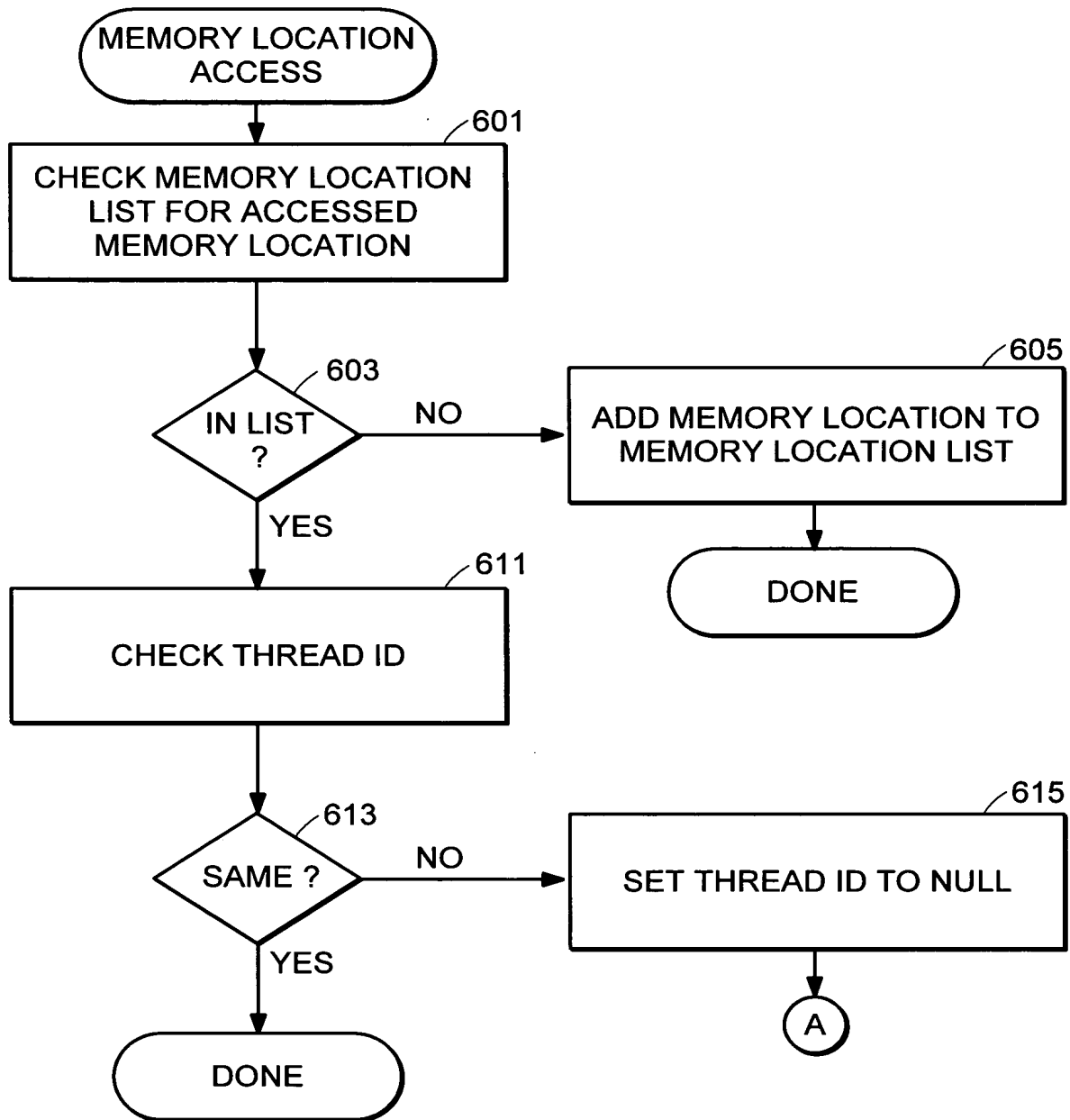


FIG. 7A

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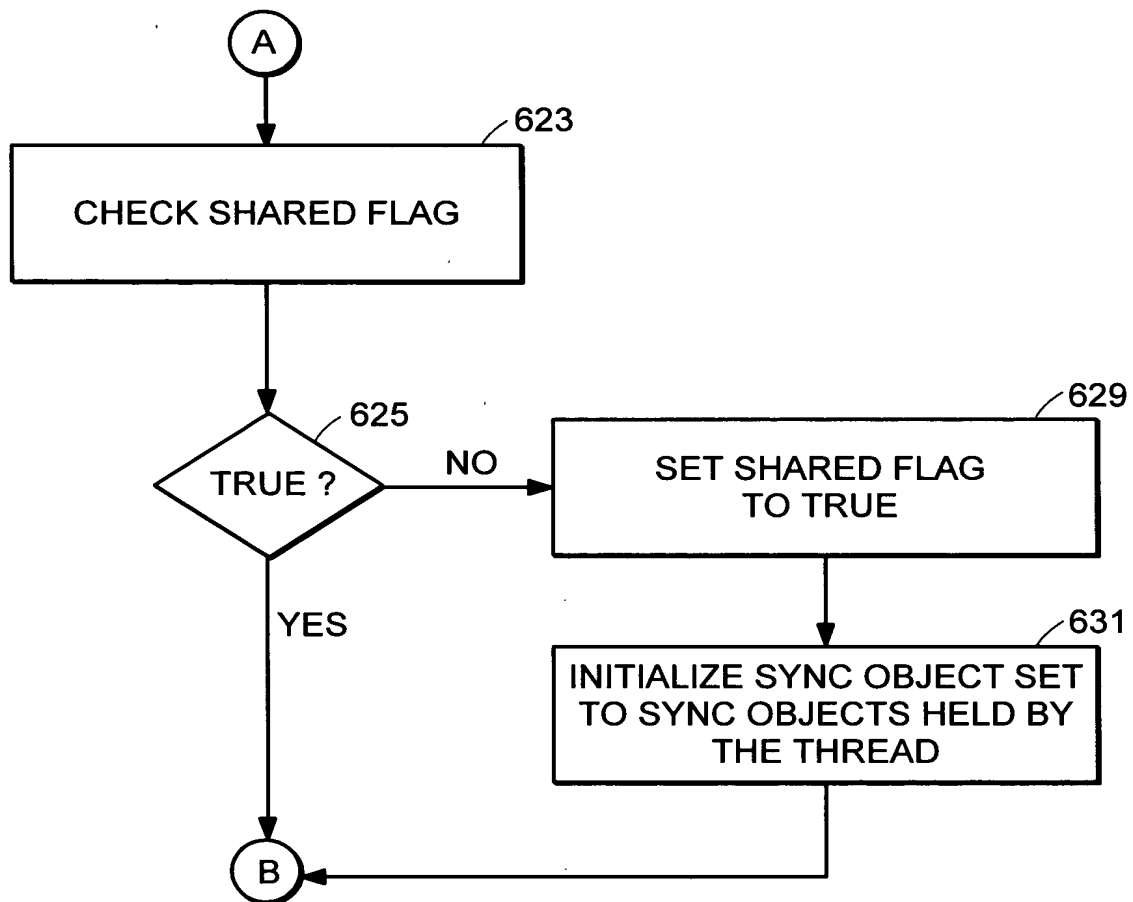


FIG. 7B

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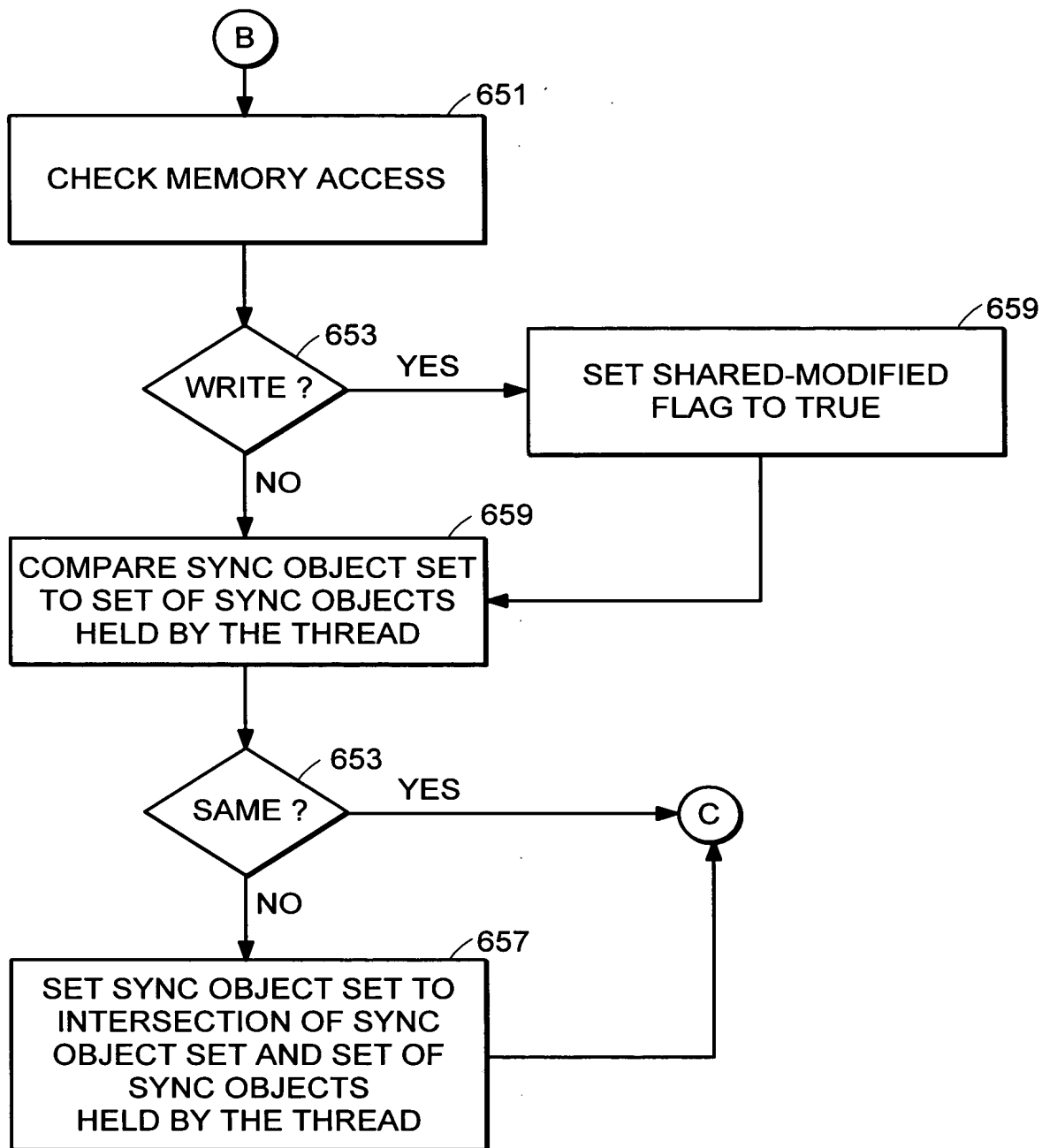


FIG. 7C



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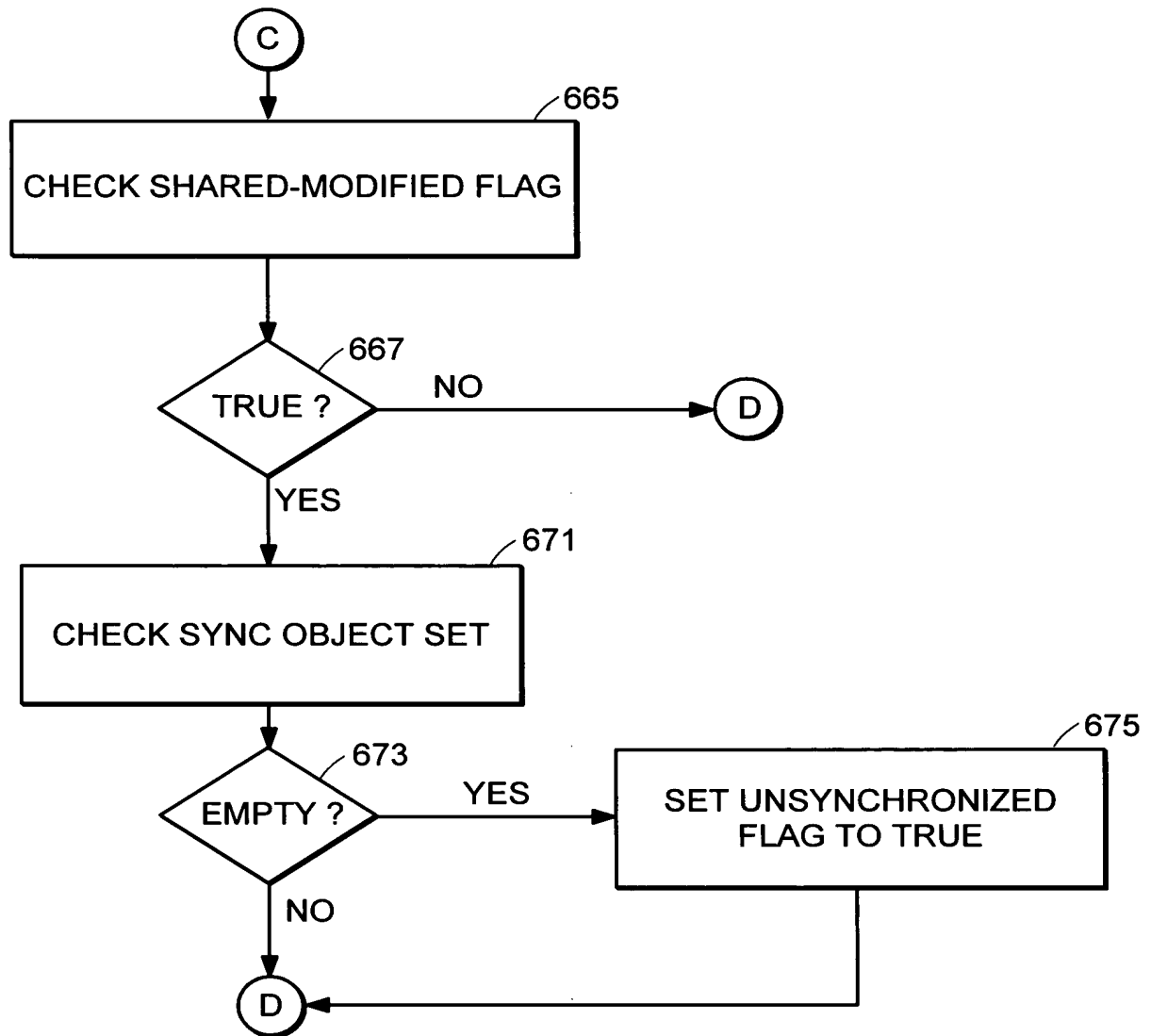


FIG. 7D

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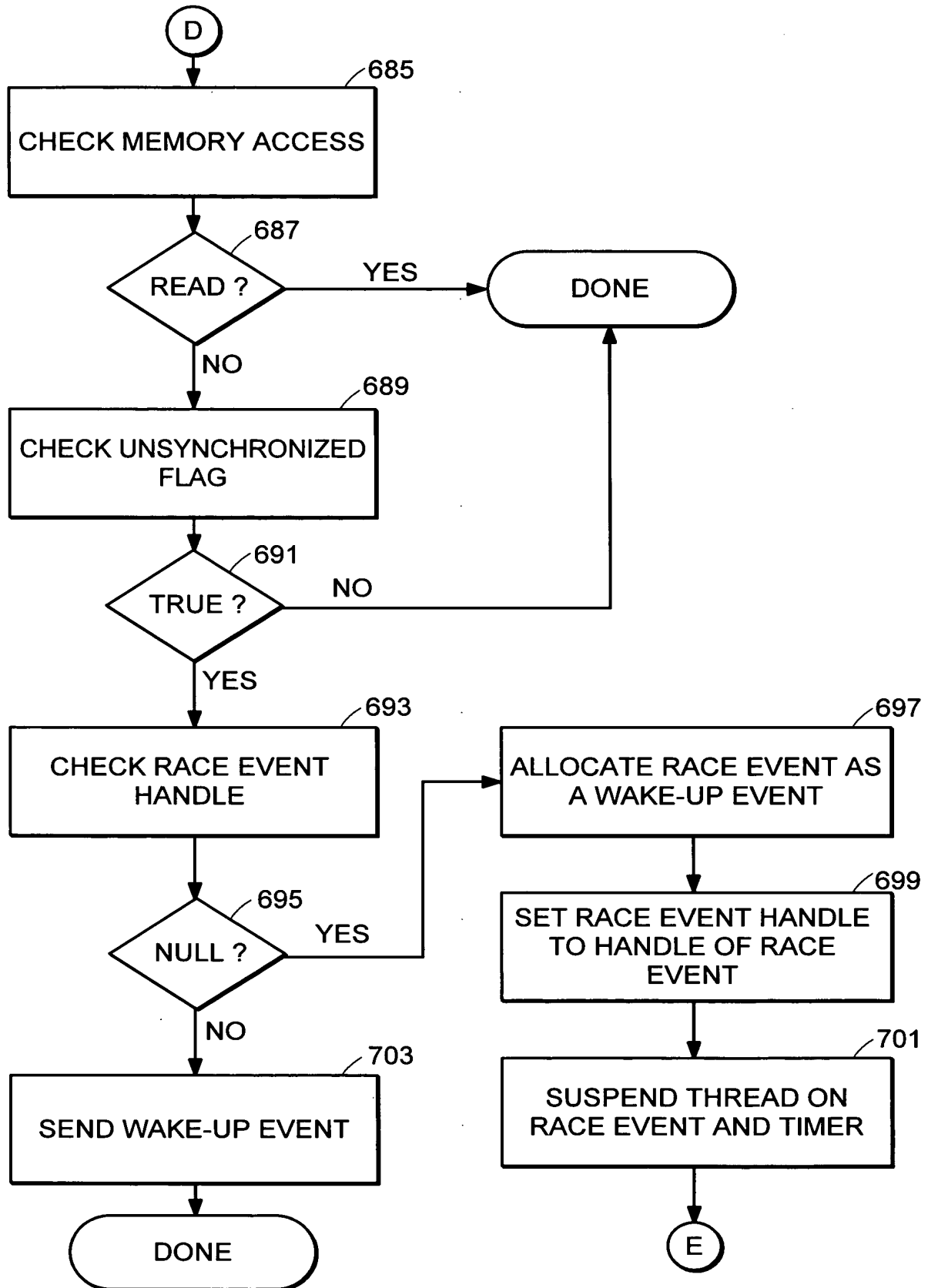


FIG. 7E

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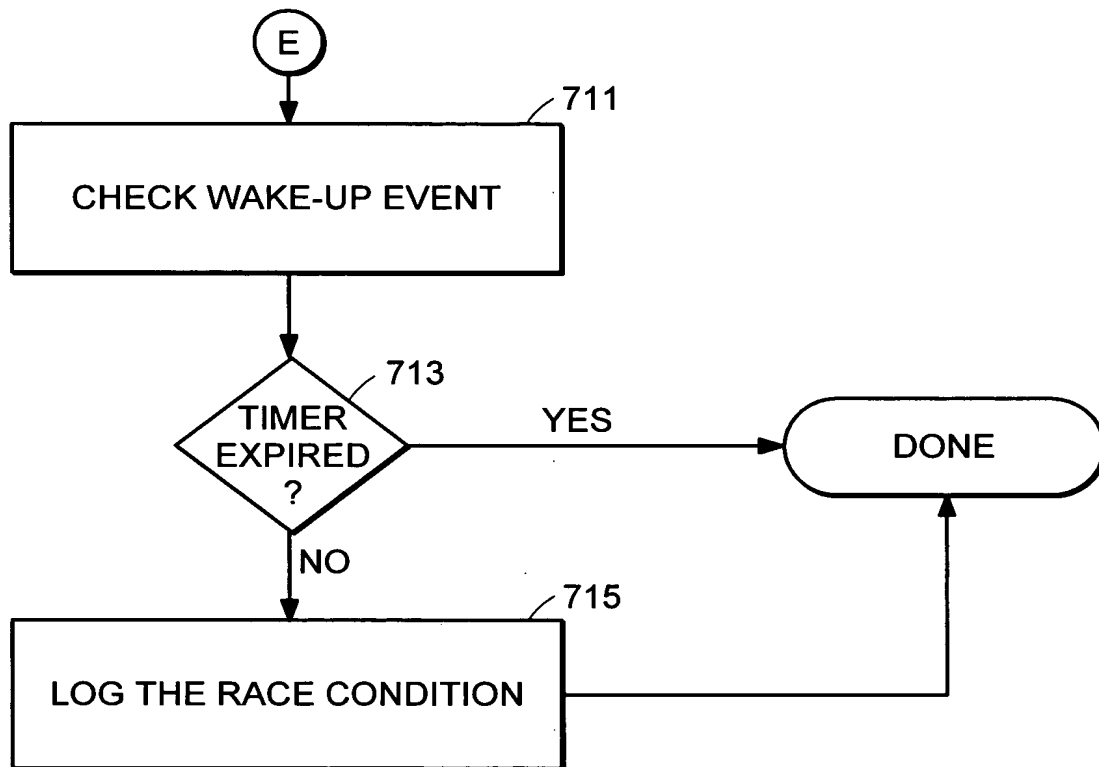


FIG. 7F

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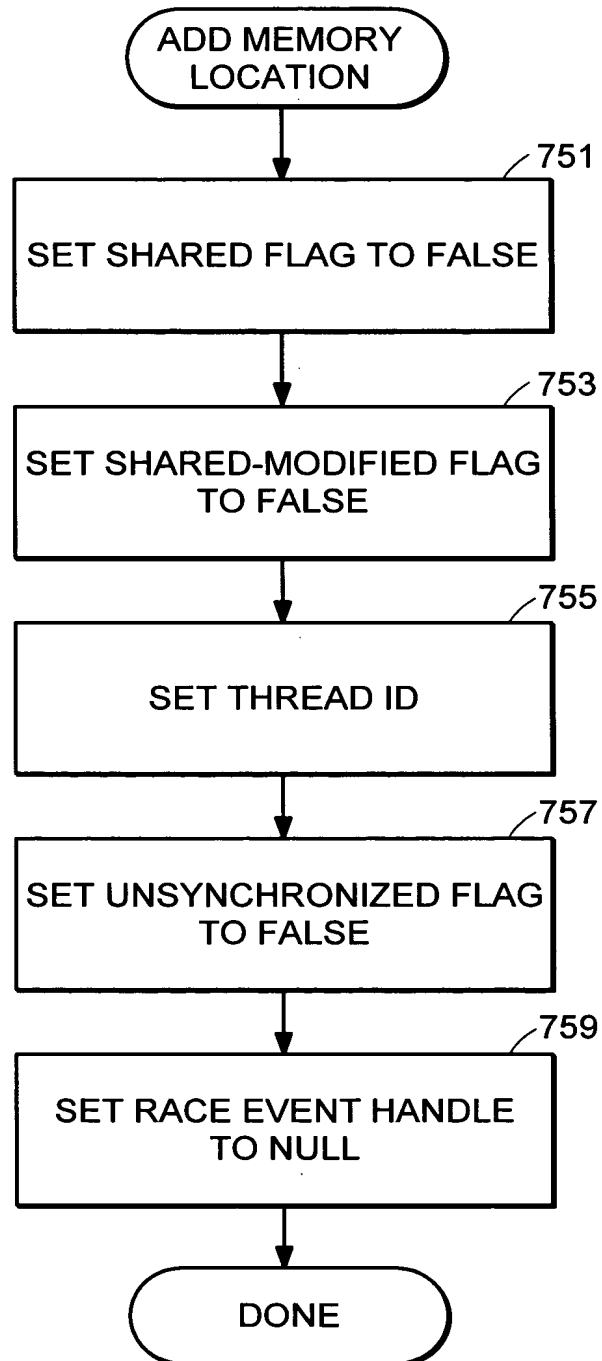


FIG. 8

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FIG. 9

901

Purelock - [Run Summary: heaprace.exe]

File Edit View Setting Window Help

75%

Error View

Threads Details Log Locksmith Files

USA: Unprotected Simultaneous Access in \_sbh\_alloc\_block {1 occurrence}

USA: Unprotected Simultaneous Access in \_sbh\_alloc\_block {1 occurrence}

USA: Unprotected Simultaneous Access in \_sbh\_alloc\_block {1 occurrence}

USA: Unprotected Simultaneous Access in \_sbh\_alloc\_block {1 occurrence}

USA: Unprotected Simultaneous Access in \_sbh\_alloc\_block {1 occurrence}

USA: Unprotected Simultaneous Access in \_heap\_alloc\_dbg {1 occurrence}

USA: Unprotected Simultaneous Access in \_heap\_alloc\_dbg {1 occurrence}

USA: Unprotected Simultaneous Access in \_heap\_alloc\_dbg {1 occurrence}

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USA: Unprotected Simultaneous Access in \_heap\_alloc\_dbg {1 occurrence}

USA: Unprotected Simultaneous Access in \_heap\_alloc\_dbg {1 occurrence}

USA: Unprotected Simultaneous Access in \_heap\_alloc\_dbg {1 occurrence}

USA: Unprotected Simultaneous Access in \_sbh\_free\_block {2 occurrences}

RACE: Race Condition in \_sbh\_free\_block {1 occurrence}

RACE: Race Condition in \_sbh\_free\_block {1 occurrence}

USA: Unprotected Simultaneous Access in \_sbh\_alloc\_block {1 occurrence}

RACE: Race Condition in \_realloc\_help {1 occurrence}

RACE: Race Condition in \_realloc\_help {1 occurrence}

USA: Unprotected Simultaneous Access in \_sbh\_decommit\_pages {14 occurrences}

RACE: Race Condition in \_realloc\_help {1 occurrence}

USA: Unprotected Simultaneous Access in \_sbh\_decommit\_pages {1 occurrence}

USA: Unprotected Simultaneous Access in \_sbh\_free\_block {1 occurrence}

EXU: Unhandled exception

EXU: Unhandled exception

Number of DWORDs touched

=2361

Status: Ready

Elapsed Time: 00:00:17

NUM

903

905

951

